

November 19, 2002

Over the past three days I have attempted to drive as many of the section line streets as possible. I have driven both the fringe streets and the mature interior streets in order to try to determine what the present state of signalization is. The map represents 56 miles of street. Of these miles 25% (14 miles) did not have any stop lights between intersections, 36% (20 miles) had a single light, 25% (14 miles) had two lights, 12% (7 miles) had three lights, and only one mile had more than 3 lights ("O" street between 56th and 70th). In other words, only 12% of the present roadways have signalization that is proposed in the design standards we are considering.

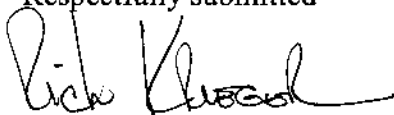
In the 56 miles there are 73 traffic lights, not counting the major intersection, school and trail crossings, and fire department lights. This equates to 1.3 lights per mile, and I observe that 6 of the 56 signals occurred at the intersection of diagonals (such as Cotner Blvd.). Based on this observation I would conclude that the Long Range Transportation Plan Roadway Cost is overstating the signalization cost by almost twice the amount necessary. The \$437,500 per mile is based on 3.5 crossings per mile. The average should be closer to 1.8 signals per mile or \$225,000. **This would save \$212,500 per mile.**

The Pedestrian/trail Traffic Signal did not occur in every mile. I counted only 9 of these on the streets. This means that we presently have pedestrian/trail signals on only 16% of the streets. **If we assume that the future condition would only require a signal at 20% of the streets we would save \$40,000 per mile.**

The purpose of this report is to inform the committee that there is significant savings to be harvested from the roadway costs. **These two items alone amount to a savings of \$252,500 per mile.**

Additionally, it would appear prudent to me to fund any sanitary sewer or water line adjustment costs out of those respective enterprise funds rather than out of the street construction funds. **The potential savings to the street funds account would be \$61,120 per mile.**

Respectfully submitted

A handwritten signature in black ink, appearing to read "Rick Khosla", written in a cursive style.